

Abstract of the Disclosure

A process for the disproportionation of cumene is disclosed which
5 comprises the step of contacting a feed containing cumene, under
disproportionation conditions, with a catalyst comprising a molecular sieve,
preferably TEA-mordenite. The contacting step disproportionates at least part of
the cumene in the feed to provide a disproportionation effluent containing benzene
and a mixture of diisopropylbenzene isomers. The effluent is then recovered and
10 contains, prior to any separation step, less 1% of ortho-diisopropylbenzene by
weight of the total diisopropylbenzene content of said effluent, less than 1wt% of
n-propylbenzene, less than 5 wt% of triisopropylbenzenes and less than 5wt% of
disproportionation products other than benzene and diisopropylbenzenes.